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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: John S. Hendricks, et al. Attorney Docket No.: 5217
Serial No.: 09/191,520 Examiner: Not Yet Assigned
Filed: November 13, 1998 Group Art Unit: 2711
For: **DIGITAL BROADCAST PROGRAM ORDERING**

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This application is a Continuation-In-Part of Application Serial No. 08/711,742 filed September 10, 1996, which is a continuation of application Serial No. 08/160,191 filed December 2, 1993, now U.S. Patent No. 5,559,549; This application is also a continuation of application serial No. 08/735,552, filed October 23, 1996, which is a continuation of application Serial No. 08/160,280 filed December 2, 1993, now U.S. Patent No. 5,600,364, which is a continuation-in-part of application Serial No. 07/991,074 filed December 9, 1992; This application is also a continuation of application Serial No. 08/352,205 filed December 2, 1994, which is a continuation-in-part of application Serial No. 07/991,074 filed December 9, 1992 and application Serial No. 08/160,280 filed December 2, 1993, now U.S. Patent No. 5,600,364.

Assistant Commissioner for Patents
Washington, D.C. 20231

INFORMATION DISCLOSURE STATEMENT

Sir:

Pursuant to Sections 1.56, 1.97 and 1.98 of Title 37 of the Code of Federal Regulations, the following information is set forth in compliance with applicant's duty of disclosure, as well as duty of others substantively involved in the preparation of the above-referenced application. There is no fee associated with this filing.

The majority of these references were made of record in Application Serial No. 08/735,549, of which this application is a continuation-in-part. Since this application is relied upon for an earlier filing date under 35 U.S.C. 120, copies of the patents and publications which were previously submitted to the Office in this application are not included with this Information Disclosure Statement. 37 CFR § 1.98(d). Copies of the references not previously cited or considered in Application Serial No. 08/735,549 listed below are enclosed (i.e., references 188 - 218).

A list of the cited references is provided below. Fourteen (14) pages of form PTO-1449 listing the these references are attached. The Examiner is respectfully requested to confirm receipt and consideration of these references by initialing and returning the attached forms PTO-1449.

	U.S. Patent No.	Inventor(s)	Publication Date
(1.)	US 5,357,276	Banker et al.	October 18, 1994
(2.)	US 4,712,105	Kohler	December 8, 1987
(3.)	US 5,253,066	Vogel	October 12, 1993
(4.)	US 4,706,121	Young	November 10, 1987
(5.)	JP 3- 114,375	Fujita	May 15, 1991
(6.)	EP 0 420 123	Fujita et al.	April 3, 1991
(7.)	JP 1- 130,683	Doumura	May 23, 1989
(8.)	WO 92/17027	McMullan	October 1, 1992
(9.)	WO 91/00670	Hallenbeck	January 10, 1991
(10.)	EP 0 506 435	Gammie et al.	September 30, 1992
(11.)	EP 0 402 809	Garza	December 19, 1990
(12.)	WO 86/01,962	Lucas	March 27, 1986
(13.)	WO 89/09528	Durden et al.	October 5, 1989
(14.)	US 4,928,168	Iwashita	May 22, 1990
(15.)	US 5,144,663	Kudelski et al.	September 1, 1992
(16.)	JP 01-142,918	Yuka	June 5, 1989
(17.)	EP 0 355 697	Baji et al	February 28, 1990
(18.)	US 5,105,268	Yamanouchi et al.	April 14, 1992
(19.)	US 4,947,429	Bestler et al.	August 7, 1990
(20.)	US 5,093,718	Hoarty et al.	March 3, 1992
(21.)	US 5,046,093	Wachob	September 3, 1991
(22.)	US 5,020, 129	Martin et al.	May 28, 1991
(23.)	US 4,792,972	Cook, Jr.	December 20, 1988
(24.)	US 5,077,607	Johnson et al.	December 31, 1991
(25.)	US 4,975,951	Bennett	December 4, 1990
(26.)	US 4,860,379	Schoeneberger et al.	August 22, 1989
(27.)	US 4,484,217	Block et al.	November 20, 1984
(28.)	US 4,949,187	Cohen	August 14, 1990
(29.)	US 5,027,400	Baji et al.	June 25, 1991
(30.)	US 5,172,413	Bradley et al.	December 15, 1992
(31.)	US 5,166,886	Molnar et al.	November 24, 1992
(32.)	US 5,223,924	Strubbe	June 29, 1993
(33.)	US 5,289,271	Watson	February 22, 1994
(34.)	US 4,959,810	Darbee et al.	September 25, 1990
(35.)	US 4,488,179	Krüger et al.	December 11, 1984
(36.)	US 4,977,455	Young	December 11, 1990
(37.)	US 5,151,789	Young	September 29, 1992
(38.)	US D 301,037	Matsuda	May 9, 1989
(39.)	US D 314,383	Hafner	February 5, 1991
(40.)	US D 325,581	Schwartz	April 21, 1992

(41.)	US D 329,238	Grasso et al.	September 8, 1992
(42.)	US D 331,760	Renk, Jr.	December 15, 1992
(43.)	US 5,015,829	Eilert et al.	May 14, 1991
(44.)	US 5,202,817	Koenck et al.	April 13, 1993
(45.)	<i>Hong Kong Enterprise</i>	Advertisement	November 1988
(46.)	<i>Great Presentations</i>	Advertisement	1987
(47.)	<i>Consumer Dist.</i>	Advertisement	Fall/Winter 1992
(48.)	US 5,253,275	Yurt et al.	October 12, 1993
(49.)	US 5,283,639	Esch et al.	February 1, 1994
(50.)	US 5,345,594	Tsuda	September 6, 1994
(51.)	US 5,416,508	Sakuma et al.	May 16, 1995
(52.)	WO 92/12599	Yurt et al.	July 23, 1992
(53.)	<i>Interactive Videotex...</i>	van den Boom	Nov.-Dec. 1986
(54.)	GB 2,168,227	Baker	June 11, 1986
(55.)	CA 2,044,574	Anderson et al.	December 14, 1992
(56.)	Jap Abs 5250106	Kazuyuki	September 28, 1993
(57.)	Jap Abs 61060150	Yoichi	March 27, 1986
(58.)	EP 243,312	Kudelski	October 28, 1987
(59.)	WO 93/22877	Hoarty et al.	November 11, 1993
(60.)	<i>Digital Compression In Todays...</i>	Moloney	June 6, 1993
(61.)	WO 92/21206	Steele et al.	November 26, 1992
(62.)	WO 91/00670	Hallenbeck	January 10, 1991
(63.)	WO 91/03112	De Bey	March 7, 1991
(64.)	<i>Flexible Data Structures...</i>	Bestler	June 6, 1993
(65.)	<i>A Store-and-Forward...</i>	Gelman et al.	June 21, 1991
(66.)	WO 92/17027	McMullan	October 1, 1992
(67.)	US 4,961,109	Tanaka	October 2, 1990
(68.)	WO 92/11713	Gillette	July 9, 1992
(69.)	US 4,829,558	Welsh	May 9, 1989
(70.)	US 5,133,079	Ballantyne et al.	July 21, 1992
(71.)	US 5,355,162	Yazolino et al.	October 11, 1994
(72.)	US 5,182,639	Jutamulia et al.	January 26, 1993
(73.)	US 5,132,789	Ammon et al.	July 21, 1992
(74.)	US 4,876,736	Kiewit	October 24, 1989
(75.)	US 5,293,540	Trani et al.	March 8, 1994
(76.)	US 5,001,554	Johnson et al.	March 19, 1991
(77.)	US 5,410,326	Goldstein	April 25, 1995
(78.)	US 5,047,867	Strubbe et al.	September 10, 1991
(79.)	US 5,353,121	Young et al.	October 4, 1994
(80.)	US 5,414,426	O'Donnell et al.	May 9, 1995
(81.)	US 5,404,393	Remillard	April 4, 1995
(82.)	US 5,237,311	Mailey et al.	August 17, 1993
(83.)	US 5,078,019	Aoki	January 27, 1992
(84.)	US 5,410,344	Graves et al.	April 25, 1995
(85.)	US 5,155,591	Wachob	October 13, 1992

(86.) US 5,432,542	Thibadeau et al.	July 11, 1995
(87.) US 5,036,537	Jeffers et al.	July 30, 1991
(88.) US 5,323,240	Amano et al.	June 21, 1994
(89.) US 5,367,571	Bowen et al.	November 22, 1994
(90.) US 4,361,848	Poignet et al.	November 30, 1982
(91.) US 5,260,778	Kauffman et al.	November 9, 1993
(92.) US 3,891,792	Kimura	June 24, 1975
(93.) US 5,036,394	Morii et al.	July 30, 1991
(94.) US 4,639,225	Washizuka	January 27, 1987
(95.) US 4,829,569	Seth-Smith et al.	May 9, 1989
(96.) US 4,605,964	Chard	August 12, 1986
(97.) US 4,688,218	Blineau et al.	August 18, 1987
(98.) GB 1,204,190	Mainichi Broadcasting	September 3, 1970
(99.) DE 3,423,846	Welland	January 9, 1986
(100.) US 5,151,782	Ferraro	September 29, 1992
(101.) US 5,206,954	Inoue et al.	April 27, 1993
(102.) US 5,343,239	Lappington et al.	August 30, 1994
(103.) US 5,327,554	Palazzi, III et al.	July 5, 1994
(104.) US 4,724,491	Lambert	February 9, 1988
(105.) US 5,375,068	Palmer et al.	December 20, 1994
(106.) <i>Subscription teletext for value added services</i>	Sharpless	August 1985
(107.) US 5,216,515	Steele et al.	June 1, 1993
(108.) US 5,339,315	Maeda et al.	August 16, 1994
(109.) US 4,697,209	Kiewit et al.	September 29, 1987
(110.) US 5,481,294	Thomas et al.	January 2, 1996
(111.) US 5,473,362	Fitzgerald et al.	December 5, 1995
(112.) US 5,150,118	Finkle et al.	September 22, 1992
(113.) US 5,479,268	Young et al.	December 26, 1995
(114.) US 5,341,474	Gelman et al.	August 23, 1994
(115.) US 5,319,455	Hoarty et al.	June 7, 1994
(116.) US 5,477,263	O'Callaghan et al.	December 19, 1995
(117.) US 5,014,125	Pocock et al.	May 7, 1991
(118.) US 5,132,992	Yurt et al.	July 21, 1992
(119.) US 4,517,598	Van Valkenburg et al.	May 14, 1985
(120.) US 4,587,520	Astle	May 6, 1986
(121.) US 5,515,098	Carles	May 7, 1996
(122.) US 5,412,416	Nemirofsky	May 2, 1995
(123.) US 5,400,401	Wasilewski et al.	March 21, 1995
(124.) US 5,285,272	Bradley et al.	February 8, 1994
(125.) US 5,446,919	Wilkins	August 29, 1995
(126.) US 5,442,626	Wei	August 15, 1995
(127.) US 5,481,542	Logston et al.	January 2, 1996
(128.) US 5,481,296	Cragun et al.	January 2, 1996
(129.) US 5,351,075	Herz et al.	September 27, 1994
(130.) US 5,483,278	Strubbe et al.	January 9, 1996
(131.) US 5,469,206	Strubbe et al.	November 21, 1995

(132.)	US 5,319,707	Wasilewski et al	June 7, 1994
(133.)	EP 167,237 (App 85303155)	Campbell	January 8, 1986
(134.)	EP 149,536 (App 85300190)	Baker	July 24, 1985
(135.)	EP 158,548 (App 85400467)	Waalboer	October 16, 1985
(136.)	EP 145,063 (App 84201663)	Van Weezel	June 19, 1985
(137.)	EP 103,438 (App 83304995)	Barnes et al.	March 21, 1984
(138.)	US 4,694,490	Harvey et al.	September 15, 1987
(139.)	US 4,465,825	Harvey et al.	October 23, 1990
(140.)	EP 399,200 (App 90107108)	Kauffman et al.	November 28, 1990
(141.)	US 5,424,770	Schmelzer et al.	June 13, 1995
(142.)	US 4,528,643	Freeny, Jr.	July 9, 1985
(143.)	EP 450,841	Walker et al.	October 9, 1991
(144.)	JP 62-245167	Unemura	March 31, 1989
(145.)	HP-41C Operating Manual	Hewlett Packard Co.	December, 1982
(146.)	US 5,237,610	Gammie et al.	August 17, 1993
(147.)	US 4,712,130	Casey	December 8, 1987
(148.)	US 5,282,028	Johnson et al.	January 25, 1994
(149)	US 5,644,354	Thompson et al.	July 1, 1997
(150)	US 5,477,263	O'Callaghan et al.	December 19, 1995
(151)	US 5,014,125	Pocock et al.	May 7, 1991
(152)	US 5,132,992	Yurt et al.	July 21, 1992
(153)	US 4,517,598	Van Valkenburg et al.	May 14, 1985
(154)	US 4,587,520	Astle	May 6, 1986
(155)	US 5,515,098	Carles	May 7, 1996
(156)	US 5,412,416	Nemirofsky	May 2, 1995
(157)	US 5,400,401	Wasilewski et al.	March 21, 1995
(158)	US 5,285,272	Bradley et al.	February 8, 1994
(159)	US 5,446,919	Wilkins	August 29, 1995
(160)	US 5,442,626	Wei	August 15, 1995
(161)	US 5,481,542	Logston et al.	January 2, 1996
(162)	US 5,481,296	Cragun et al.	January 2, 1996
(163)	US 5,351,075	Herz et al.	September 27, 1994
(164)	US 5,483,278	Strubbe et al.	January 9, 1996
(165)	US 5,469,206	Strubbe et al.	November 21, 1995
(166)	US 5,319,707	Wasilewski et al	June 7, 1994
(167)	EP 167,237 (App 85303155)	Campbell	January 8, 1986
(168)	EP 149,536 (App 85300190)	Baker	July 24, 1985
(169)	EP 158,548 (App 85400467)	Waalboer	October 16, 1985
(170)	EP 145,063 (App 84201663)	Van Weezel	June 19, 1985
(171)	EP 103,438 (App 83304995)	Barnes et al.	March 21, 1984
(172)	EP 399,200 (App 90107108)	Kauffman et al.	November 28, 1990
(173)	US 5,424,770	Schmelzer et al.	June 13, 1995
(174)	US 4,694,490	Harvey et al. (I)	September 15, 1987
(175)	US 4,965,825	Harvey et al. (III)	October 23, 1990
(176)	US 4,528,643	Freeny, Jr.	July 9, 1985
(177)	EP 450,841	Walker et al.	October 9, 1991
(178)	JP 62-245167	Unemura	March 31, 1989

(179) HP-41C Operating Manual	Hewlett Packard Co.	December, 1982
(180) US 5,237,610	Gammie et al.	August 17, 1993
(181) US 4,712,130	Casey	December 8, 1987
(182) US 5,282,028	Johnson et al.	January 25, 1994
(183) US 5,644,354	Thompson et al.	July 1, 1997
(184) US 5,570,126	Blahut et al.	October 29, 1996
(185) <i>Human Factors</i> <i>In Telecommunications</i>	Sorce, et al.	September 10-14, 1990
(186) US 5,661,516	Carles	August 26, 1997
(187) US 5,724,091	Freeman, et al.	March 3, 1998
(188) US 5,343,516	Callele, et al.	August 30, 1994
(189) GB 2 177 873A	Davidson	January 28, 1987
(190) US 4,805,014	Sahara, et al.	February 14, 1989
(191) JP 62-140134	Misaki	June 23, 1987
(192) US 4,381,522	Lambert	April 26, 1983
(193) US 5,500,794	Fujita et al.	March 19, 1996
(194) US 5,253,341	Rozmanith et al.	October 12, 1993
(195) US 5,073,930	Green et al.	December 17, 1991
(196) US 5,075,771	Hashimoto	December 24, 1991
(197) EP 0 281 293	Ichise	September 7, 1988
(198) EP 0 513 553	Gerlach	November 19, 1992
(199) EP 0 570 785	Diehl	November 24, 1993
(200) EP 0 328 440 (French)	Brisson	August 8, 1989
(201) US 5,696,906	Peters et al.	December 9, 1997
(202) US 5,103,314	Keenan	April 7, 1992
(203) US 5,404,505	Levinson	April 4, 1995
(204) US 5,390,348	Magin et al.	February 14, 1995
(205) US 4,398,216	Field et al.	August 9, 1983
(206) US 4,633,462	Stifle et al.	December 30, 1986
(207) US 5,365,265	Shibata et al.	November 15, 1994
(208) US 5,396,546	Remillard	March 7, 1995
(209) US 5,461,667	Remillard	October 24, 1995
(210) US 5,561,708	Remillard	October 1, 1996
(211) US 5,561,709	Remillard	October 1, 1996
(212) US 5,349,638	Pitroda et al.	September 20, 1994
(213) US 5,440,632	Bacon et al.	August 8, 1995
(214) US 5,056,138	Tyson, Sr.	October 8, 1991
(215) US 4,621,282	Ahern	November 4, 1986
(216) US 5,293,633	Robbins	March 8, 1994
(217) US 5,038,402	Robbins	August 6, 1991
(218) US 5,663,757	Morales et al.	September 2, 1997
(219) JP 01-20454	Sei	January 30, 1989

The references submitted with this statement, including those listed above, should not prevent the grant of a patent to Applicant for its invention. Applicant does not admit that the cited references are prior in time to the effective filing date of this application.

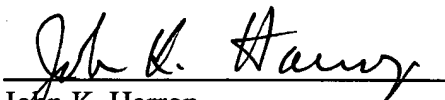
The present statement reflects the direct knowledge of the undersigned and information disclosed to the undersigned by applicant and others substantively involved in the preparation of the present application pursuant to their duty under section 1.56 of Title 37 of the Code of Federal Regulations.

To the best of applicant's knowledge, the information disclosure statement is being submitted prior to the mailing date of the first Office Action on the merits and therefore, under 37 CFR § 1.97(b)(3), no fee is hereby required. If a fee is required, the Commissioner is hereby authorized to charge any fee resulting from the filing of this disclosure statement to Deposit Account No. 04-1425. A duplicate copy of this document is submitted for that purpose.

Applicant requests that these documents be considered by the Examiner before issuance of the first Office Action and made of record in this file.

Respectfully submitted,

Dated: February 18, 1999


John K. Harrop
Registration No. 41,817
Dorsey & Whitney LLP
1330 Connecticut Avenue, N.W.
Suite 200
Washington, D.C. 20036
(202) 452-6900